

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

| | |
|------------------------|------------------------|
| Attorney Docket No. | 223695 |
| Client Reference No. | E-172-1986/1-US-08 |
| First Inventor | Nancy T. Chang |
| Title | DETECTION OF HIV-1 DNA |
| Express Mail Label No. | EV329751579US |

APPLICATION ELEMENTS

ADDRESS TO:

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

ACCOMPANYING APPLICATION PARTS

1. ☒ Utility Patent Application Transmittal Form
2. ☐ Applicant claims small entity status. See 37 CFR 1.27.
3. ☒ Specification (including claims and abstract) [Total Pages 46]
4. ☒ Drawings [Total Sheets 23]
5. ☐ Combined Declaration and Power of Attorney [Total Pages 3]
 - a. ☐ Newly executed
 - b. ☐ Copy from prior application [Note Box 6 below]
 - i. ☐ Deletion of Inventor(s) Signed statement attached deleting inventor(s) named in the prior application
6. ☐ Incorporation by Reference: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b is considered as part of the disclosure of the accompanying application and is hereby incorporated by reference.
7. ☒ Application Data Sheet. See 37 CFR 1.76
8. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
9. Nucleotide and/or Amino Acid Sequence Submission
 - a. ☒ Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☒ Paper Copy
 - c. ☒ Statement verifying identity of above copies

10. ☐ Applicant requests early publication. (include publication fee under 37 CFR 1.18(d))
11. ☐ Assignment Papers (cover sheet and document(s))
12. ☐ 37 CFR 3.73(b) Statement (when there is an Assignee)
13. ☐ Power of Attorney
14. ☐ English Translation Document (if applicable)
15. ☒ Information Disclosure Statement (IDS)

☒ Form PTO-1449
☐ Copies of Listed Documents
16. ☒ Preliminary Amendment
17. ☒ Return Receipt Postcard (Should be specifically itemized)
18. ☐ Claim of Priority & Certified Copy of Priority Document(s)
19. ☐ Request & Certification Under 35 USC 122(b)(2)(B)(i) (Form PTO/SB/35 or its equivalent must be submitted with this application to prevent publication at 18 months)
20. ☒ Substitute Power of Attorney Under 37 CFR 3.71 for U.S. Patent Appln. No. 08/463,028

21. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below:

- ☒ Continuation ☐ Divisional ☐ Continuation-in-part of prior application no.08/463,028.
Prior application information: Examiner Jeffrey Norman Fredman; Group Art Unit: 1637

APPLICATION FEES

| | | | | | |
|---|--------------|--------------|------|-----------|------------|
| BASIC FEE | | | | | \$750.00 |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | | |
| Total Claims | 48 | -20= | 28 | x \$18.00 | \$ 504.00 |
| Independent Claims | 23 | - 3= | 20 | x \$84.00 | \$1,680.00 |
| <input type="checkbox"/> Multiple Dependent Claim if applicable | | | | +\$280.00 | \$ |
| Total of above calculations = | | | | | \$2,934.00 |
| Reduction by 50% for filing by small entity = | | | | | \$() |
| <input type="checkbox"/> Assignment fee if applicable | | | | +\$40.00 | \$ |
| <input type="checkbox"/> Early publication fee if applicable | | | | +\$300.00 | \$ |
| TOTAL = | | | | | \$2,934.00 |

22212 U.S. PTO
 10/634165
 08/05/03


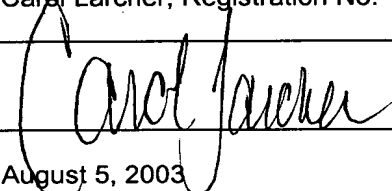
08/05/03
02576 U.S. PTO

UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No. 223695
Client Reference No.
E-172-1986/1-US-08

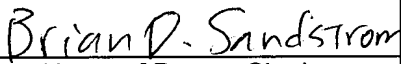
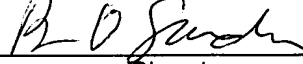
| | |
|---|--|
| 22. <input checked="" type="checkbox"/> | Please charge my Deposit Account No. 12-1216 in the amount of \$2,934.00 |
| 23. <input type="checkbox"/> | A check in the amount of \$ is enclosed. |
| 24. | The Commissioner is hereby authorized to credit overpayments or charge any additional fees of the following types to Deposit Account No. 12-1216: a. <input checked="" type="checkbox"/> Fees required under 37 CFR 1.16. b. <input checked="" type="checkbox"/> Fees required under 37 CFR 1.17. |
| 25. <input checked="" type="checkbox"/> | The Commissioner is hereby generally authorized under 37 CFR 1.136(a)(3) to treat any future reply in this or any related application filed pursuant to 37 CFR 1.53 requiring an extension of time as incorporating a request therefor, and the Commissioner is hereby specifically authorized to charge Deposit Account No. 12-1216 for any fee that may be due in connection with such a request for an extension of time. |

26. CORRESPONDENCE ADDRESS

| | |
|--|--|
| <input checked="" type="checkbox"/> Customer Number: 23460  23460 PATENT TRADEMARK OFFICE | <input type="checkbox"/> Carol Larcher, Reg. No. 35,243 Leydig, Voit & Mayer, Ltd. Two Prudential Plaza, Suite 4900 180 North Stetson Chicago, Illinois 60601-6780 (312) 616-5600 (telephone) (312) 616-5700 (facsimile) |
| Name | Carol Larcher, Registration No. 35,243 |
| Signature |  |
| Date | August 5, 2003 |

Certificate of Mailing Under 37 CFR 1.10

I hereby certify that this Utility Patent Application Transmittal and all accompanying documents are being deposited with the United States Postal Service "Express Mail Post Office To Addressee" Service under 37 CFR 1.10 on the date indicated below and is addressed to: Mail Stop Patent Application, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

| | | |
|---|---|----------------|
|  |  | August 5, 2003 |
| Name of Person Signing | Signature | Date |

Utility Transmittal (Revised 5/1/03)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Art Unit: Unassigned

Chang et al.

Examiner: Unassigned

Application No.: Unassigned

Filed: Herewith

For: DETECTION OF HIV-1 DNA

SUBMISSION OF FORMAL DRAWINGS

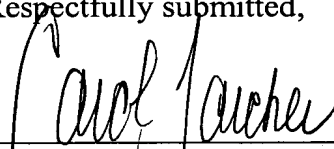
Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Applicants enclose herewith 23 sheets of formal drawings and request that the same be made of record in this application filed herewith.

The Commissioner is hereby authorized to charge any fees which may be required to Account No. 12-1216. A duplicate copy of this communication is enclosed for that purpose.

Respectfully submitted,



Carol Larcher, Reg. No. 35,243
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Date: August 5, 2003